

SED-32S-A Automatic 32-Channel Electronic Counting Machine for Tablets, Capsules, Seeds & Nuts



The SED-32S-A Electronic Counting Machine features advanced 32-channel infrared scanning technology and high-speed MCU algorithms for precise tablet and capsule filling. With a production capacity of up to 15 000 pcs/min, it is designed for the pharmaceutical, nutraceutical, and food industries. It supports various solid forms, including tablets, hard/soft capsules, and pills, ensuring high accuracy and GMP compliance.

Features:

1. High Precision Detection: Utilizes independent optical sensors with a dynamic infrared scanning system to ensure 99.9% counting accuracy for even irregularly shaped products.
2. Multi-Stage Vibration Feeding: Equipped with multi-level vibration plates to ensure smooth, consistent, and damage-free material flow.
3. Wide Compatibility: Seamlessly handles tablets, sugar-coated pills, hard/soft capsules, seeds, and nuts without changing molds.
4. Intelligent Control System:
 - Smart HMI: User-friendly touch screen for real-time monitoring and parameter settings.
 - Recipe Memory: Save and recall production parameters for quick product changeovers.
 - Safety Sensors: "No bottle - No fill" and "Blocked bottle" auto-stop features ensure operational safety.
5. GMP & Food Grade Compliance: Constructed with 304/316 Stainless Steel and non-toxic, chemically stable food-grade materials for easy cleaning and hygiene.
6. Modular Design: Tool-free adjustment and snap-fit components make maintenance and cleaning effortless.

Technical Parameters

Model	SED-32S-A
Channels	32 Channels
Capacity	MAX 15,000 pieces/minute
Counting Range	15 - 9,999 pcs/bottle
Product Size Range	T: 3-10mm; Dia: 3-24mm; L: 3-26mm
Bottle Size Range	Height: 40-200mm; Diameter: 30-80mm
Air Pressure	0.5 - 0.7 Mpa
Air Consumption	Approx. 130 L/min
Power Supply	1P 220V 50HZ
Power Consumption	1.1 KW
Machine Weight	550 KG
Dimensions (LWH)	3600mm * 1700mm * 1750mm